

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Anne LAQUEYRERIE, et al.

SERIAL NO: New U.S. Application

GAU:

FILED:

Herewith

EXAMINER:

FOR:

MYCOBACTERIAL PROTEINS, MICROORGANISMS PRODUCING THEM AND THEIR USE FOR

VACCINES AND FOR THE DETECTION OF TUBERCULOSIS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449 were mentioned in Parent Application Serial No. 09/985,372 filed November 2, 2001.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number <u>15-0030</u>. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Daniel J. Pereira, Ph.D. Registration No. 45,518

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Anne LAQUEYRERIE, et al.

SERIAL NO: New U.S. Application

GAU:

FILED:

Herewith

EXAMINER:

FOR:

MYCOBACTERIAL PROTEINS, MICROORGANISMS PRODUCING THEM AND THEIR USE FOR

VACCINES AND FOR THE DETECTION OF TUBERCULOSIS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☐ The applicant(s) wish to make of record the references listed on the attached form PTO-1449 were mentioned in Parent Application Serial No. 09/985,372 filed November 2, 2001.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Daniel J. Pereira, Ph.D. Registration No. 45,518

ATTY DOCKET NO. SERIAL NO. U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Form PTO 1449 (Modified) 245865US0DIV **NEW U.S. APPLICATION APPLICANT** LIST OF REFERENCES CITED BY APPLICANT Anne LAQUEYRERIE et al **GROUP FILING DATE HEREWITH U.S. PATENT DOCUMENTS** SUB FILING DATE **EXAMINER** DOCUMENT **CLASS** DATE NAME IF APPROPRIATE **CLASS** INITIAL NUMBER AA 5,599,541 02/04/97 Marchal et al 02/03/98 AB 5,714,593 Laqueyrerie et al AC 5,714,593 02/03/98 Laqueyrerie et al 02/02/99 AD 5,866,130 Laqueyrerie et al ΑE 6,060,259 5/2000 Marchal et al AF AG AΗ ΑI ΑK AL AM ΑN **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT DATE COUNTRY YES NUMBER WO92/21758 12/1992 **WIPO** AO AP AQ AR AS AT ΑU ΑV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) ABOU-ZEID ET AL, "CHARACTERIZATION OF THE SECRETED ANTIGENS OF MYCOBACTERIUM BOVIS BCG: COMPARISON OF THE 46-KILODALTON DIMERIC PROTEIN WITH PROTEINS MPB64 AND MPB70", INFECTION AND AW IMMUNITY, DEC, 1987, VOL. 55, NO. 12, PP. 3213-3214 WIELS ET AL, "CHARACTERIZATION OF MYCOBACTERIUM LEPRAE ANTIGEN RELATED TO THE SECRETED MYCOBACTERIUM TUBERCULOSIS PROTEIN MPT32", INFECTION AND IMMUNITY, JAN. 1994, VOL. 62, NO. 1, PP. AX 252-258 MIURA ET AL, "COMPARATIVE STUDIES WITH VARIOUS SUBSTRAINS OF MYCOBACTERIUM BOVIS BCG ON THE PRODUCTION OF AN ANTIGENIC PROTEIN, MPB70", INFECTION AND IMMUNITY, FEB. 1983, VOL. 39, PP. 540-545 CARLIN ET AL, "MONOCLONAL ANTIBODIES SPECIFIC FOR ELONGATION FACTOR TU AND COMPLETE NUCLEOTIDE SEQUENCE OF THE TUF GENE IN MYCOBACTERIUM TUBERCULOSIS, INFECTION AND IMMUNITY, ΑZ AUG. 1992, VOL. 60, NO. 8, PP. 3136-3142 Date Considered Examiner Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

SERIAL NO. ATTY DOCKET NO. U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Form PTO 1449 (Modified) 245865US0DIV **NEW U.S. APPLICATION APPLICANT** LIST OF REFERENCES CITED BY APPLICANT Anne LAQUEYRERIE et al **GROUP** FILING DATE **HEREWITH U.S. PATENT DOCUMENTS** SUB FILING DATE **EXAMINER** DOCUMENT DATE NAME CLASS IF APPROPRIATE **CLASS** INITIAL NUMBER BA вв BC **BD** BE BF BG вн ВΙ BJ вк BL ВМ BN **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT DATE COUNTRY YES NO NUMBER во BP BQ BR BS BT ΒU BV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) ROMAIN ET AL. "IDENTIFICATION OF A MYCOBACTERIUM BOVIS BCG 45/47-KILODALTON ANTIGEN COMPLEX, AN IMMUNODOMINANT TARGERT FOR ANTIBODY RESPONSE AFTER IMMUNIZATION WITH LIVING BACTERIA", BW INFECTION AND IMMUNITY, FEB. 1993, VOL. 61, NO. 2, PP. 742-750 SCOTT B. SNAPPER ET AL, "PROC. NATL. ACAD. SCI. USA, VOL. 85, PP. 6987-6991, SEPTEMBER 1988, LYSOGENY AND TRANSFORMATION IN MYCOBACTERIA: STABLE EXPRESSION OF FOREIGN GENES BX CELESTE YANISCH-PERRON ET AL, "GENE", 33 (1988) 103-119, IMPROVED M13 PHAGE CLONING VECTORS AND HOST STRAINS: NUCLEOTIDE SEQUENCES OF THE M13mp18 and pUC19 VECTORS RY SAMBROOK, FRITSCH AND MANIATIS, MOLECULAR CLONING, A LABORATORY MANUAL, SECOND EDITION, P.21 BZ **Date Considered** Examiner Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

	<u> </u>			SHE		
LIST OF REFERENCES CITED BY APPLICANT FILING DATE	Form PTO 1449		ATTY DOCKET NO. 245865US0DIV			
Herewith Section Sec	LIST OF REF	ERENCES CITED BY APPLICANT				
DOCUMENT NUMBER DATE NAME CLASS SUB FILING DATE				GROUP	GROUP	
NITIAL			U.S. PATENT DOCUMENTS			
CB			NAME	CLASS SUB CLASS	FILING DATE IF APPROPRIATE	
CC						
CD						
CE			1			
CF					-	
CG			+			
CH			+			
CI						
CK	C					
CL	С	,				
CM	C	(
CN	С	-				
DOCUMENT DATE COUNTRY TRANSLATION YES NO	С	1				
DOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO CO CP CQ CR	C	١				
CO DATE COUNTRY YES NO CO CP CR CR CR COUNTRY OF THE COUNTRY OF TH		F	OREIGN PATENT DOCUMENTS			
CP			COUNTRY			
CQ						
CR CR						
CS CT						
CU						
CV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)			(Including Author, Title, Date, Pertinent	Pages, etc.)		
Wieles et al., Infect. Immun. Jan. 1994, 62(1); 252-258	С	Wieles et al., Infect. Immun. Jan. 1				
сх	C	x				
СУ	C	Y				
CZ	(z				
Examiner Date Considered	Examiner			Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	*Evaminer: Initia	if reference is considered, whether or	not citation is in conformance with MPEP 60 orm with next communication to applicant.	9; Draw line through	citation if not in	